| Index | of C | Claims | ; |
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| - | App | licati | on/Co | ntrol | No. |
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10/726,629

Examiner

Hoang Ngo

Applicant(s)/Patent under Reexamination

SATO ET AL.

Art Unit

2852



| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| O | Objected |

|          |          |  |         |              |  |          | L        |          |   |              |          |          | _        |          | _            | _        |         |                   |          |          | ,          |          |                     |                    |          |          |          |          |          |   |
|----------|----------|--|---------|--------------|--|----------|----------|----------|---|--------------|----------|----------|----------|----------|--------------|----------|---------|-------------------|----------|----------|------------|----------|---------------------|--------------------|----------|----------|----------|----------|----------|---|
| Cla      | im       |  |         |              | Date   | •        |          |          | 1 | Cla          | aim      | Γ        |          |          | D            | ate      |         |                   |          | Cla      | aim        |          |                     |                    | С        | ate      | ;        |          |          |   |
| Final    | Original | 0  |         |              |  |          |          |          |   | Final        | Original |          |          |          |              |          |         |                   |          | Final    | Original   |          |                     |                    |          |          |          |          |          |   |
| ii.      |          | 3/16   | $\perp$ |              |  |          |          |          |   | <u> </u>     | 51       |          |          | _        | $\downarrow$ |          |         |                   | _        | ii       | 101        |          |                     |                    |          | _        |          |          |          |   |
| -        | 2        | *  | +       | ├─           | $\vdash$   | -        | -+       | +        | ┨ | $\vdash$     | 52       |          | Н        | -        | +            | +        | ╁       | +                 | $\dashv$ | -        | 102        | _        | $\dashv$            | $\dashv$           | ┪        | $\dashv$ |          | $\dashv$ | ┪        |   |
|          | 3        | 7  | +       |              | $\vdash$   | $\dashv$ | +        | +        | ┨ |              | 53       | -        |          | $\dashv$ | $\dashv$     | +        | +       | 1-1               | _        |          | 103        |          | $\vdash$            | 十                  | $\dashv$ | 一        | $\dashv$ | -        |          |   |
| _        | 4        | ++   | +       |              | H  | 7        | $\dashv$ | +-       | 1 |              | 54       | $\vdash$ | -        | -        | $\dashv$     | $\top$   | +-      | t                 | _        |          | 104        |          | $\vdash \vdash$     |                    | 7        | _        | _        | $\dashv$ | 寸        |   |
|          | 5        | H  |         | -            |  | _        |          | $\dashv$ | 1 |              | 55       |          |          |          | 7            | $\top$   | $\top$  | 17                |          |          | 105        |          |                     | 1                  | T        | ヿ        | 寸        | 一        |          |   |
|          | 6        | Ħ  | +-      |              | H  | 寸        | $\top$   | $\top$   | 1 |              | 56       |          |          |          | 丁            | Ť        | 1       | $\Box$            |          |          | 106        |          |                     |                    | 一        | ヿ        | ヿ        | ヿ        |          |   |
|          | 7        |  | $\top$  |              |  | T        | T        |          | 7 |              | 57       |          |          |          |              |          |         |                   |          |          | 107        |          |                     |                    |          |          |          |          |          |   |
|          | 8        | $\Box$   |         |              |  |          |          |          | ] |              | 58       |          |          |          |              |          |         |                   |          |          | 108        |          |                     |                    |          | _        |          |          | $\Box$   |   |
|          | 9        | Ш  |         |              | Ш  | _        | _        |          | 1 |              | 59       |          |          |          | _            |          | $\perp$ |                   |          |          | 109        |          | $\sqcup$            | _                  | _        | _        | _        |          | _        |   |
|          | .10      | Ш.   |         |              | Ш  | _        | _        |          | 1 | <u> </u>     | 60       |          |          |          | _            | _        | _       | 1                 |          |          | 110        |          | _                   | _                  | _        | _        | _        |          |          | _ |
|          | 11       | -  | +       | L            |  | $\dashv$ | $\dashv$ | -        | 4 | <u> </u>     | 61       | $\vdash$ |          | $\vdash$ | -            | +        | +-      | <b>∤</b> -∤       |          | $\vdash$ | 111        | _        |                     | $\dashv$           | -        | $\dashv$ |          | -        | -        | _ |
|          | 12<br>13 |  | +       | <del> </del> |  | $\dashv$ | +        | +        | ┨ | <b>—</b>     | 62<br>63 | $\vdash$ | Н        | $\vdash$ |              | +        | +       | ╁┤                | $\dashv$ | $\vdash$ | 112<br>113 | $\vdash$ | -                   | +                  | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        | _ |
|          | 14       | H  | +       | <del> </del> | $\vdash$   | $\dashv$ | +        | +        | ┨ | $\vdash$     | 64       | $\vdash$ |          | $\vdash$ | +            | +        | ╁       | $\vdash$          | $\dashv$ | -        | 114        | H        |                     | $\dashv$           | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ |   |
|          | 15       | HH   | +       | -            | $\vdash$   | $\dashv$ | $\dashv$ | +        | 1 | $\vdash$     | 65       | $\vdash$ | $\vdash$ | +        | +            | +        | +-      | $\vdash$          | $\dashv$ |          | 115        |          |                     | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┪        |   |
|          | 16       | 1  | +       | $\vdash$     | $\vdash$   | $\dashv$ | $\dashv$ | _        | 1 |              | 66       | $\vdash$ | $\vdash$ |          | $\dashv$     | +        | $\top$  | +                 | $\dashv$ |          | 116        |          | $\Box$              | $\dashv$           | $\dashv$ | $\dashv$ | 一        | 7        | ┪        |   |
|          | 17       | ₩  | $\top$  |              |  |          |          |          | 1 |              | 67       |          |          |          | T            | T        |         | $\Box$            |          |          | 117        |          |                     | T                  |          |          |          |          |          |   |
|          | 18       | 1  |         |              | П  | $\neg$   |          |          | 1 |              | 68       |          |          |          |              |          | Τ       | П                 |          |          | 118        |          |                     |                    |          |          |          |          |          |   |
|          | 19       |  |         |              |  |          |          |          | ] |              | 69       |          |          |          |              |          |         |                   |          |          | 119        |          |                     |                    |          |          |          |          |          |   |
|          | 20       |  |         |              |  |          |          |          |   |              | 70       |          |          |          |              |          |         | Ш                 |          |          | 120        |          |                     |                    |          |          |          | _        | _        |   |
|          | 21       |  |         |              | Ш  | _        | $\perp$  |          | 4 |              | 71       |          |          | $\perp$  | _            | _        | $\perp$ | $\sqcup$          | _        |          | 121        |          |                     | _                  | _        | _        | _        | _        | _        |   |
|          | 22       |  |         | _            |  | _        | _        | _        | 4 | <u> </u>     | 72       |          |          | 4        | _            | -        | +       | $\vdash$          | _        |          | 122        |          | $\dashv$            | 4                  | _        | _        | _        | -        | -        |   |
|          | 23       |  | +       |              | -  | -        | _        |          | ┨ | <u> </u>     | 73<br>74 |          |          |          | -+           | -        | +       | $\vdash$          | $\dashv$ |          | 123<br>124 | _        |                     | +                  | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | _ |
|          | 24<br>25 |  | ╁       | <del> </del> | $\vdash$   | -        | -        | -        | ┨ | -            | 75       |          |          | +        | $\dashv$     | +        | ╁       | 1 1               | $\dashv$ | -        | 125        |          | $\dashv$            | $\dashv$           | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | _ |
|          | 26       |  | ╁       | $\vdash$     | $\vdash$   | $\dashv$ | $\dashv$ | +        | ┨ | <b>-</b>     | 76       | $\vdash$ |          | $\dashv$ | +            | +        | +       | ┼╌┼               |          |          | 126        | _        | $\dashv$            | $\dashv$           | $\dashv$ |          | $\dashv$ |          | -        |   |
|          | 27       | $\vdash$   | +       | -            | H  | $\dashv$ | -        | +        | 1 | -            | 77       |          | -        | _        | +            | ╁        | ╁       | 1-1               | -        |          | 127        |          | $\vdash$            | -1                 |          | $\dashv$ | $\dashv$ | $\neg$   | _        |   |
| _        | 28       |  | +-      | _            |  | $\dashv$ | $\dashv$ |          | 1 |              | 78       |          |          | _        | 7            | $\top$   | ╁       | 17                | -        |          | 128        |          | $\Box$              | $\dashv$           | 寸        | 寸        | 一        |          | _        | _ |
|          | 29       |  | 1       |              |  |          | $\dashv$ |          | 1 |              | 79       |          |          |          | $\neg$       |          | $\top$  | П                 |          |          | 129        |          |                     |                    |          |          |          |          |          |   |
|          | 30       |  |         |              |  |          |          |          | ] |              | 80       |          |          |          |              |          | $\Box$  |                   |          |          | 130        |          |                     |                    | $\Box$   | $\Box$   |          |          |          |   |
|          | 31       |  |         |              |  |          | $\perp$  |          |   |              | 81       |          |          |          | 4            |          | ↓_      | $\sqcup$          | _        |          | 131        | _        | $\dashv$            | _                  | _        | _        | _        |          | _        |   |
|          | 32       | Щ.   | 4       | L            | $\sqcup$   | _        | 4        | $\perp$  | 4 | <u></u>      | 82       | igspace  |          | $\sqcup$ | 4            | $\perp$  | +       | $\sqcup$          | _        |          | 132        | _        | $\vdash$            | 4                  | 4        | _        | _        | _        | _        |   |
|          | 33       | <del>                                     </del> | +-      | <u> </u>     | $\mid - \mid$                                    | $\dashv$ | $\dashv$ |          | 4 | <u> </u>     | 83       | $\vdash$ |          | $\vdash$ | +            | +        | +       | $\vdash$          | $\dashv$ | $\vdash$ | 133        | _        | $\vdash \vdash$     | $\dashv$           | 4        | -        |          | $\dashv$ | -        |   |
|          | 34<br>35 | $\vdash\vdash$                                   | +       | $\vdash$     | $\vdash \vdash$                                  | $\dashv$ | +        | +        | - | <del> </del> | 84<br>85 | $\vdash$ |          | H        | +            | +        | +       | +                 |          | $\vdash$ | 134<br>135 |          | $\dashv$            | $\dashv$           | $\dashv$ | -        | _        | -        |          |   |
|          | 36       | $\vdash$   | +       | $\vdash$     | <del>                                     </del> | +        | +        | +        | ┨ | -            | 86       | -        | $\vdash$ | +        | +            | +        | +       | ╁┤                | $\dashv$ | $\vdash$ | 136        |          | $\vdash \vdash$     | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ |          | -        |   |
| $\vdash$ | 37       | - -  | +       | $\vdash$     | $\vdash \vdash$                                  | $\dashv$ | +        | +        | ┨ | $\vdash$     | 87       | $\vdash$ | $\vdash$ | $\vdash$ | +            | $\dashv$ | +       | $\vdash$          | $\dashv$ |          | 137        |          | -+                  | $\dashv$           | ᅥ        | -        | $\neg$   | $\dashv$ | $\dashv$ |   |
|          | 38       | -  | $\top$  | Н            | -  | $\dashv$ | $\dashv$ | $\top$   | 1 |              | 88       | ı        | H        | $\vdash$ | $\top$       | +        | +       | † †               | $\dashv$ |          | 138        |          | $\Box$              | $\dashv$           | $\dashv$ |          | $\dashv$ |          | 7        |   |
|          | 39       |  | T       | $\vdash$     | П  | $\neg$   | $\top$   | $\top$   | 1 |              | 89       |          |          |          | Ţ            | $\top$   | T       |                   |          |          | 139        |          |                     | ╛                  |          |          |          |          |          |   |
|          | 40       |  |         |              |  | ゴ        |          | 丁        | ] |              | 90       |          |          |          |              |          |         |                   |          |          | 140        |          |                     |                    |          |          |          |          |          |   |
|          | 41       |  |         |              |  |          |          |          | ] |              | 91       |          |          |          | $\perp$      | $\perp$  | $\perp$ |                   |          |          | 141        |          | $\Box$              | $oldsymbol{\perp}$ | $\Box$   | $\Box$   |          |          | ↲        |   |
|          | 42       |  |         |              | Ш  | $\Box$   |          |          | 1 |              | 92       | Щ        | Ш        | $\sqcup$ | $\perp$      | $\perp$  | 4_      | $\sqcup$          |          |          | 142        |          | $\sqcup$            | $\dashv$           | 4        | _        | _        | _        | _        |   |
| <u> </u> | 43       |  | _       | Ш            | $\sqcup$   | $\dashv$ | $\perp$  |          | 1 | <u> </u>     | 93       | <u> </u> | Щ        |          | $\perp$      |          | +       | $\vdash$          | _        |          | 143        | _        | $\vdash \downarrow$ | $\dashv$           | 4        | _        |          | _        | 4        | _ |
|          | 44       | $\vdash$   | $\perp$ | Ш            | $\sqcup$   |          | _        | +        | 4 | ļ            | 94       | <u> </u> | Ш        | _        | 4            | +        | +-      | $\vdash$          | _        |          | 144        | -        | $\vdash$            | $\dashv$           | 4        |          |          |          | 4        | _ |
| $\vdash$ | 45       | $\vdash \vdash$                                  | +       | $\vdash$     | $\vdash \vdash$                                  | 4        | $\dashv$ |          | - | <u> </u>     | 95       |          | $\vdash$ | $\dashv$ | +            | -        | +       | $\dashv$          | $\dashv$ |          | 145<br>146 | _        | $\vdash \vdash$     | $\dashv$           |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
|          | 46<br>47 | $\vdash$   | +       |              |  | $\dashv$ | +        |          | ┨ | -            | 96<br>97 |          | Н        | $\dashv$ | +            | +        | +       | $\vdash$          | $\dashv$ | -        | 147        | -        | $\vdash$            | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          |   |
| $\vdash$ | 48       | <del>                                     </del> | +       | $\vdash$     | $\vdash$   | $\dashv$ | $\dashv$ | +        | ┨ | -            | 98       |          | $\vdash$ | $\dashv$ | +            | +        | +       | $\vdash$          | $\dashv$ | $\vdash$ | 148        |          | $\vdash$            | $\dashv$           | -        | -        | $\dashv$ | $\dashv$ | -        |   |
|          | 49       |  | +       |              | $\vdash$   | $\dashv$ | +        | +        | 1 | <b>—</b>     | 99       | $\vdash$ | Н        | $\dashv$ | +            | +        | +       | H                 | $\dashv$ | -        | 149        | _        | $\vdash \vdash$     | +                  | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|          | 50       | $\vdash$   | +       |              | H  | $\dashv$ | $\dashv$ | $\top$   | 1 |              | 100      | $\vdash$ |          | $\dashv$ | $\top$       |          | 十       | $\dagger \dagger$ | $\neg$   |          | 150        |          | $\vdash$            | $\dashv$           | $\dashv$ | $\neg$   |          | $\dashv$ | 7        |   |
|          |          |  |         |              | , I  | - 1      | - 1      |          |   |              |          |          |          |          |              |          |         |                   |          |          | , -        |          |                     | 1                  |          |          |          |          |          |   |